

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

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| Applicant's or agent's file reference 0000054128 | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/IB 03/04944 | International filing date (day/month/year) 26/03/2003 | (Earliest) Priority Date (day/month/year) 27/03/2002 |
| Applicant MICRO FLO COMPANY | | |

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing :

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. Certain claims were found unsearchable (See Box I).

3. Unity of Invention is lacking (see Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is Figure No.

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 03/04944

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A01N57/28

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category ° | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|--|----------------------------------|
| E | WO 03 051606 A (UNITED PHOSPHORUS LTD; UNITED PHOSPHORUS INC (US)) 26 June 2003 (2003-06-26) page 3, line 6-16 page 4, line 17-26; claims 1,2,6,12 --- | 1-3, 6-13, 15-20, 23-34 |
| X | WO 93 14632 A (ICI AUSTRALIA OPERATIONS) 5 August 1993 (1993-08-05) page 3, line 19-27 page 8, line 12-22 page 9, line 29-33 page 11, line 3-16,20-27 page 4, line 12-24 page 5, line 34 --- | 1-16, 19-32 |
| Y | | 17,18, 33,34 |
| | | -/- |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

2 March 2004

Date of mailing of the international search report

22/03/2004

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB 03/04944

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| Y | US 5 488 043 A (YAMADA MASAHIRO ET AL) 30 January 1996 (1996-01-30) column 2, line 1-30 column 3, line 1-15 --- | 1-34 |
| Y | WO 98 26656 A (TOMEN AGRO INC) 25 June 1998 (1998-06-25) cited in the application page 4, paragraph 3 -page 5, paragraph 5 page 9, paragraph 2 page 11, paragraph 2 page 12, paragraphs 2,3 page 31, paragraphs 2,3 --- | 1-34 |
| Y | WO 91 11104 A (CHEVRON RES & TECH) 8 August 1991 (1991-08-08) cited in the application page 6, line 2-20 page 9, line 14-23 page 11, line 1-14; example 5 ---- | 1-34 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 03/04944

| Patent document cited in search report | Publication date | | Patent family member(s) | | Publication date |
|--|------------------|---|---|--|--|
| WO 03051606 | A 26-06-2003 | WO US | 03051606 A1 2003127761 A1 | | 26-06-2003 10-07-2003 |
| WO 9314632 | A 05-08-1993 | AT AU AU WO BR CA DE DE EP IL JP KR MX NZ US ZA | 140847 T 661112 B2 3443893 A 9314632 A1 9305784 A 2128727 A1 69303896 D1 69303896 T2 0631473 A1 104456 A 9500607 T 245418 B1 9300365 A1 246828 A 5846903 A 9300394 A | | 15-08-1996 13-07-1995 01-09-1993 05-08-1993 13-01-1998 05-08-1993 05-09-1996 28-11-1996 04-01-1995 05-12-1996 21-01-1997 15-02-2000 01-11-1993 26-03-1996 08-12-1998 05-08-1993 |
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| WO 9111104 | A 08-08-1991 | US | 5075058 A 173885 T 649018 B2 7247391 A 9104188 A 2047755 A1 69130550 D1 69130550 T2 0465635 A1 2125234 T3 4504583 T 3136158 B2 9111104 A1 | | 24-12-1991 15-12-1998 12-05-1994 21-08-1991 03-03-1992 31-07-1991 14-01-1999 29-04-1999 15-01-1992 01-03-1999 13-08-1992 19-02-2001 08-08-1991 |